Appendix B

Sample Data Sheet

1-hr TSP Air Quality Monitoring

Field Operation Data Log Sheet

Equipment Model		Equ	Equipment No. Las		ast Calibration/Due Date		
							/
			•		•		
Monitoring Location							
Description of Location							
Sampling Date and	d Time						
Weather Condition				Sunny / Fi	ne / Cloud	dy / Windy	y / Rainy
			TSP				
Measuring Parame	eters		1st	hour	2nd	2nd hour 3rd l	
Count Value							
Count Value ÷60 Mass Concentration							
Site Condition	Main C	Construction Site					
		Construction Site					
Remarks							
		Name		Signa	ature		Date
Recorded By							
Checked By							

1-hr TSP Air Quality Monitoring Field Operation Data Log Sheet

Station:							
Sampling Date & T	Гіте:	From:	(: 8	nm/pm)	Collec	tion Date:
Operators:			Weather: Wind:	Sunny Strong	Cloudy Mild	Windy Calm	Rainy
Hi	igh Volu	ıme Sampler	Model no				
			Blower M	Iotor Seria	al no.		
		TSP - Total Su	spended Pai	rticulates	Sampler		
Equipment 1	No.				Set P	Point	
Slope, m					Interc	ept. b	
				Initial,	[Final, f
Ambient Pressure	(mmHg)	, Pa					
Ambient Temperat	ure (K),	Ta					
Delta (in. of Wate	r), W						
$Y = [W \times (Pa/760)]$) x (298/	Ta)]1/2					
Standard flow, Qst	d (m ³ /m	in) = (Y - b)*0.0283/m					
Elapsed Timer Ind	icator (E	Iours), T					
Filter Identification	no.						
Weight of Filter (g)						
Weight of Particula	ate (g)						
Mean Standard Flo	ow,						
$Qstd_{avg} = (Qstd_i +$	Qstd _f)/2	2					
Total Time,							
Total Time = (Tf - Standard Volume,	Ti) x 60						
Vstd (m^3) = Qstd _{av}	x Total	l Time					
Particulate Conce							
Observed Construction	N	1ain Construction Site					
Activities	O	ther Construction Site					
Remarks:			·				
-							
Conducted by:			Signature	:		Date:	
Checked by:			Signature	:		Date:	

Noise Monitoring

Field Record Sheet

Equipment	Model	Equipment No.	Last Calibration/Due Date
			/
			/

	Befo	Before Measurement			After Measurement		
Noise Monitoring Period	Noise Level (dB)	Freq. of Signal (KHz)	Display (dB)	Noise Level (dB)	Freq. of Signal (KHz)	Display (dB)	
07:00 - 19:00							

Monitoring Location							
Description of Location							
Date of Monitoring							
Weather Condition		Sunny / Cloudy / Rainy					
Measurement Start	Time (hh:mm)						
Measurement Time	Length (min/hr)						
Measurement	Parameter	Measured	Base	line	Actual Construc	Actual Construction Noise Level	
Results	$L_{eq} dB(A)$						
	$L_{10} dB(A)$						
	L ₉₀ dB(A)						
Major Construction	Noise Source(s)	Excavator / backhoe	:	I	Bulldozer		
During Measureme	nt	Dump truck / lorry		I	Roller		
		Other, pls specify:					
Other Noise Source	e(s)	Road traffic noise		A	Air traffic noise		
During Measurement		Construction noise from other sites (e.g. piling)					
		pls specify:					
Remarks		Fa çade Measurement / Free Field Measurement					

Note

During daytime (0700-1900): 1 no. of $L_{\text{eq}(30\text{-min})}$

	Name	Signature	Date
Recorded By			
Checked By			

Remarks: Monitoring should be cancelled if steady wind speed exceeds 5m/s or with gusts exceeding 10m/s

Noise Monitoring Form

Details of the activity

Name of Organizer	
Date	
Time	
Venue	
Programme	
Noise Control	
Measures Adopted	

Noise Monitoring equipment and personnel

Sound Level Meter	Brand	Model
Noise Monitoring Staff	Name	Qualification

Noise Monitoring results

Location of Noise			
Monitoring Point			
Time Period	Background noise level	Noise level of the	activity
(e.g. 8pm-8:15pm)	(measured before the	in Leq(5min)	in Leq(15min)
	activities)		
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